

# Subject index of volume 102

- Abstinence 257  
 Acquisition 312  
 Active avoidance 312  
 Acute 37  
 Acute tolerance 207  
 Adaptive changes 503  
 Adenosine 283  
 $\beta$ -adrenoceptor 357  
 Aggression 37  
 Aging 535  
 Alcohol withdrawal 239  
 Alzheimer's disease 535  
 Amineptine 201  
 Amitriptyline 227, 379  
 Amphetamine 221, 557  
 Amphetamine toxicity 136  
 Analgesia 112  
 Anesthesia 399  
 Animal model 474  
 Antagonistic effect 399  
 Antidepressant 17, 422  
 Antidepressant drug 544  
 Antidepressants 145, 201  
 Antihypertensive agents 163  
 Antinociception 507  
 Anxiety 283, 498, 507  
 Anxiety model 492  
 Anxiolytic 492  
 Apomorphine 1, 419  
 Attention 227  
 Atypical neuroleptics 76  
 Autonomic nervous system 429  
 Avoidance 171
- Baboon 183  
 Behavioral sensitization 5, 459  
 Behavioral variability 49  
 Behavioural development 41  
 Behavioural satiety sequence 273  
 Benzodiazepine dependence 98  
 Benzodiazepine receptor 95  
 Benzodiazepines 28, 98, 350, 373, 479  
 Beta rhythms 227  
 Beta-phenylethylamine 5  
 Bias 130  
 Binding 145  
 Blood pressure 379  
 Body weight loss 136  
 2-Bottle test 278  
 Brain 145  
 Brain levels 553  
 Brain stimulation reward 309  
 Brain uptake 373  
 Bremazocine 465  
 Bupivacaine 269  
 Buprenorphine 465  
 Bupropion 183  
 Buspirone 301
- Caffeine 102, 283  
 Cardiovascular effects 443  
 Cat 227  
 Catalepsy 339  
 CD strain 419  
 Cerebrospinal fluid 112  
 Chewing 529  
 Chlordiazepoxide 333, 391, 404
- Chlormethiazole 239  
 Chloroprocaine 269  
 Chlorpheniramine 438  
 Choice-test 257  
 Chorea 21  
 Chronic 37  
 Chronic administration 312  
 Chronic haloperidol 474  
 Chronic pain 112  
 Chronic treatment 201, 291  
 Cigarette 343  
 Cigarette smoking 56  
 Clonidine 257  
 CNS 163  
 Cocaine 37, 183, 451, 459  
 Cocaine-base 443  
 Cognitive function 163  
 Conditioned activity 364  
 Conditioned reinforcement 364  
 Conditioned Suppression of Drinking (CSD) 283  
 Conflict 333  
 Conflict behavior 283  
 Convulsions 239
- d*-Amphetamine 263  
 Decision making 117  
 Defensive behavior 492  
 Delayed matching-to-position 391  
 Dependence 350  
 Depression 73, 544  
 Diazepam 117, 283, 350, 422  
 Diclofenine 183  
 Dihydrocodeine 438  
 Dihydropyridines 239  
 Dimethocaine 269  
 Discrimination 171, 278  
 DOPAC 319  
 Dopamine 5, 122, 156, 171, 234, 269, 364, 411  
 Dopamine active drugs 291  
 Dopamine agonists 295  
 Dopamine  $D_1$  receptor 438  
 Dopamine receptor subtypes 201  
 Dopamine uptake blockade 201  
 Dopamine uptake sites 291  
 DPDPPE 425  
 Drug abuse 183  
 Drug antagonists 234  
 Drug discrimination 59, 183, 207, 221, 404, 465, 521, 557  
 Drug tolerance 28  
 Drug-behavior interactions 136  
 Drug-dependence 28  
 Dyskinesia 325  
 Dystonia 21  
 $D-1$  receptor 339  
 $D-2$  receptor 339
- Electrocardiogram 379  
 Electrodermal activity 429  
 Elevated plus-maze 507  
 Eltoprazine 498  
 Emesis 325  
 Emotionality 498  
 Endogenous opioid 112  
 Endorphin 112
- Ethanol 11, 49, 234, 319, 391  
 Etidocaine 269  
 ETOH 207  
 Exploration-Locomotion 498  
 Exponential model 391  
 Extinction 404
- Fear behavior 492  
 Feeding 273, 301  
 Fenfluramine 273  
 Fentanyl 465  
 FG 7142 301  
 Fixed interval: 60 s schedule 263  
 Flumazenil 95, 333, 350  
 Fluoxetine 273  
 Fluprazine 498  
 Fluvoxamine 85, 414  
 Frontoparietal cortex 227
- GABA system 41  
 GABA<sub>A</sub> receptor 357  
 Galanthamine 191  
 [ $^3H$ ]GBR-12935 291  
 Genetic 11  
 Genetically selected rat lines 11  
 Gestational barbiturate exposure 383  
 Glucose 213  
 Glucose utilization 175  
 Glutamate antagonists 295  
 Grooming 411
- Haloperidol 76, 514  
 Head twitches 17  
 Heart rate 451  
 Hippocampus 68  
 Histamine  $H_1$  antagonists 106  
 Histamine  $H_2$  antagonists 106  
 Homovanillic acid 76  
 5HT antagonists 295  
 5-HT uptake 145  
 5-HT<sub>2</sub> receptors 73, 85  
 Human 422  
 Human brain 68  
 Human postmortem brain 544  
 Humans 451  
 HVA 319  
 6-Hydroxydopamine lesions 269  
 5-Hydroxytryptamine 68  
 Hyponeophagia 301  
 Hypothermia 17, 319  
 $H_1$ -blockers 312
- ICS 205-930 Chlordiazepoxide 301  
 Imidazopyridines 479  
 Imipramine 183  
 Impulsivity 102  
 In vivo binding 17  
 Initial sensitivity 11  
 Intracranial self-stimulation 263, 309  
 /-PIA 283  
 Isoarecolone 521
- Jumping 106
- Ketamine 399  
 Ketanserin binding 68  
 Kinesthetic aftereffect 102

- L-dopa 21  
 Learning 98, 451  
 Lidocaine 269  
 Light/dark procedure 498  
 Locomotor activity 234, 239, 485, 521  
 Long-acting acetylcholinesterase inhibitor 191  
  
 Maprotiline 73  
 Marijuana 156  
 Marmoset 295  
 Masculine sexual behaviour 243  
 Matching law 273  
 Matching to position 130  
 Maternal behaviour 383  
 Memory 28, 130, 191, 422  
 Memory retrieval 329  
 Mepivacaine 269  
 Methamphetamine 175, 459  
 Mice 191, 201, 498, 507, 553  
 Microdialysis 156  
 Midazolam 95  
 Monkeys 443  
 Mood 549  
 Mood state 163  
 Morris swim task 191  
 Morphine 59, 213, 257, 263, 309, 329, 465, 507  
 Morphine abstinence 106  
 Morphine dependence 106  
 Mouse 41, 95, 329, 357, 485  
 Mouse genotype 383  
 Movement 529  
 Multiple schedule 333  
 Muscarinic antagonists 295  
 Muscarinic receptors 529  
 Muscimol 41  
  
 Naloxone 263  
 Naloxono 156  
 Naltrexone 507  
 Nausea 325  
 nBM lesion 191  
 NECA 283  
 Neophobia 301  
 Neuroleptic 474  
 Neuroleptics 122, 429  
 Nicotine 343, 521  
 Nicotine pharmacokinetics 56  
 Nicotine tolerance 56  
 Nicotinic receptors 521  
 Nomifensine 183  
 Nonmatching to position 130  
 Non-opioid 507  
 Noradrenaline 357  
 Noreleagnine 95  
 Norepinephrine 234  
 Norfenfluramine 221  
 Nortriptyline 553  
 NPC 12626 492  
 Nucleus accumbens 364  
 Nutritional deficiency 549  
 N-(3-pyridylmethyl)pyrrolidine 521  
  
 Odor conditioned aversion 503  
 8-OH-DPAT 301, 485  
 8-OH-DPAT binding 68  
 Ontogeny of hot-plate analgesia 41  
  
 Ontogeny of locomotor activity 41  
 Open-field 207  
 Operant behavior 350  
 Operant variability 49  
 Opiates 213  
 Opioid 507  
 Opioid interactions 465  
 Opioid peptides 243  
 Opioid receptor 329  
 Opioid receptor selectivity 425  
 Opioids 59  
  
 Panic disorder 85  
 Parkinsonism 529  
 Parkinson's disease 21  
 Paroxetine 379  
 Passive avoidance 191, 329  
 PCP 171  
 Peak B 112  
 Pentobarbital 221  
 Pentobarbitone 557  
 Personality 102  
 Pharmacokinetics 373  
 Phencyclidine 263  
 Phenobarbital 283, 383  
 Physostigmine 399  
 Pilocarpine 529  
 Pimozide 278  
 Place preference 438  
 Placebo 112  
 Plasma drug concentration 379  
 Plasma levels 553  
 Platelets 73, 145  
 Post-prandial resting 273  
 Preference 257, 278, 333  
 Premenstrual syndrome 414  
 Preoptic area 243  
 Prepulse inhibition 1, 419  
 Procaine 269  
 Psychomotor performance 451  
 Psychophysiology 429  
  
 Quantitative ECoG 227  
 Quinpirole 459  
  
 Rabbit 479  
 Radial arm maze 49  
 Random interval reinforcement schedules 273  
 Rat 5, 28, 117, 130, 171, 183, 273, 312, 391, 399, 485  
 Rat brain 319  
 Rat strains 474  
 Rat striatum 291  
 Rats 49, 59, 175, 207, 278, 283, 333, 350, 404, 557  
 Rearing 498  
 Receptor interactions 411  
 Receptor occupancy 373  
 Red nucleus 479  
 Reduced haloperidol 514  
 Remoxipride 76  
 Repeated DMI 503  
 Repeated stress 503  
 Response rate 309  
 Response sequences 49  
 Retention 312  
 Reward threshold 309  
  
 Ritanerlin 85  
 Risperidone 17  
 Rotational behavior 269  
 RU 24213 459  
  
 SCH 23390 339, 438  
 Schedule effects 136  
 Schizophrenia 76, 429, 514  
 Scopolamine 422, 535  
 Selenium 549  
 Self-administration 183, 443  
 Self-stimulation 122  
 Sensitization 122, 269  
 Sensory evaluation 343  
 Serenics 498  
 Serotonin 73, 85, 414, 485  
 Serotonin-1 (5-HT<sub>1</sub>) binding site 544  
 Serotonin-1A (5-HT<sub>1A</sub>) binding site 544  
 Session-to-criterion 221  
 Signal detection theory 391  
 SKF 38393 411, 459  
 Skin conductance 429  
 Sleep study 163  
 Smoking 343, 443  
 Social isolation 364  
 Squirrel monkey 21, 325  
 Staircase test 95  
 Startle 1  
 Startle reflex 419  
 State-dependence 28  
 Stereotypy 5  
 Straub tail 425  
 Striatum 5  
 Subcutaneous dosage 56  
 Sucrose 278  
 Suicide 544  
 Supersensitivity 411  
 Systolic time intervals 379  
  
 Tail suspension test 553  
 Tardive dyskinesia 474  
 Temperature regulation 213  
 Testosterone 243  
 Tetracaine 269  
 Δ<sup>9</sup>-Tetrahydrocannabinol 156  
 Tianeptine 227  
 Tifluadom 465  
 T-maze 278  
 Tobacco smoking 68  
 Tolerance 11, 37, 59, 98, 122, 319  
 Tolerance to reward delay 117  
 Trace element 549  
 Transient visual evoked potentials 535  
 Triazolopyridazines 479  
  
 U 50,488 465  
  
 Vasopressin 130  
  
 Water deprivation 136  
 Wet dog shakes 106  
 Wistar strain 419  
 Withdrawal 213, 350  
  
 YM-09151 339

